

What we claim is:

1. An enclosure for an electronic device comprising,

a generally rectangular base casing having an elongated front edge and an elongated rear edge,

a generally U-shaped cover adapted for mounting over said base casing for forming an

5 enclosure, said cover having a front edge aligned with said front edge of said base casing and

forming a front opening therewith, and cover having a rear edge aligned with said rear edge of

said base casing and forming a rear opening therewith,

a plurality of mounting openings formed in an evenly spaced manner along said front edge and

said rear edge of said base casing, all of said mounting openings having an identical

10 predetermined shape,

a plurality of interchangeable modular plates removably mounted along said front edge and

said rear edge of said base casing, all of said modular plates having a bottom extension leg

portion having a complementary shape of said predetermined shape of said mounting openings

and adapted to be interchangeably inserted into selected mounting openings for mounting to said

15 base casing.

2. An enclosure according to Claim 1 wherein said modular plates have an extension upper lip

portion extending upwards, and an elongated channel is formed at an underside of said front edge

of said cover and adapted to engage with said upper lip portion of said modular plates mounted at

said front opening, a second elongated channel is formed at an underside of said rear edge of said

20 cover and adapted to engage with said upper lip portion of said modular plates mounted at said

rear opening.

3. An enclosure according to Claim 2 wherein said modular plates have a tongue formed at one

vertical side edge and a groove formed at an opposite vertical edge, said tongue and said groove having complementary mating shapes whereby said tongue and said groove of neighboring modular plates mounted on said base casing engage and latch with one another.

4. An enclosure according to Claim 3 wherein said modular plates have pre-formed openings

5 formed therein adapted for mounting selected electrical components securely thereon.

5. An enclosure according to Claim 4 wherein said electrical components mounted on said

modular plates are provided with electrical connection wires.

6. An enclosure according to Claim 5 including an electrical circuit building breadboard

mounted in said base casing adapted to support electrical components of the electrical circuit of

10 said electronic device.

7. An enclosure according to Claim 6 including a battery well formed in said base casing

adapted for housing batteries for supplying electrical power to the electrical circuit.

8. An enclosure for an electronic device comprising,

a generally rectangular base casing having an elongated front edge and an elongated rear

15 edge,

a plurality of rectangular mounting openings formed along an edge portion of both said front edge and said rear edge of said base casing,

a generally U-shaped cover adapted to cover said base casing, said cover having a front edge

aligned with said front edge of said base casing and forming a front opening therewith, and said

20 cover having a rear edge aligned with said rear edge of said base casing and forming a rear

opening therewith, said U-shaped cover having a first channel formed in the entire length of an underside edge portion of said front edge therein, and a second channel formed in the entire

length of an underside edge portion of said rear edge therein, said first channel being positioned directly above said mounting openings in said front edge of said base casing and said second channel being positioned directly above said mounting openings in said rear edge of said base casing when said cover is mounted over said base casing,

5           a plurality of mounting openings formed in an evenly spaced in an edge portion along the entire length of said front edge and said rear edge of said base casing, all of said mounting openings having a predetermined shape and configuration,

                  a plurality of modular plates removably and interchangeably mountable in any selected positions in said edge portion of said front edge and said rear edge of said base casing for 10 enclosing said front opening and said rear opening, said modular plates having a bottom leg having a complementary shape and configuration of said predetermined shape and configuration of said mounting openings, said modular plates having an upper extension lip portion engageable with said first channel and said second channel of said cover.

9.   An enclosure according to Claim 8 wherein each one of said modular plates has an 15 elongated tongue formed in the entire length of a first vertical side edge, and an elongated groove formed in the entire length of a second side edge, said tongue and said groove having complementary mating shapes, and said tongue and said groove of neighboring modular plates being adapted to engage with each other in a latching engagement when said modular plates are mounted on said base casing.

20   10. An enclosure according to Claim 9 including a plurality of selected electrical components pre-mounted on said modular plates, and electrical components having electrical connection wires provided thereon.

11. An enclosure according to Claim 10 including an electrical circuit building breadboard mounted in said base casing, and a battery casing located in said base casing adapted to house batteries for supplying electrical power to said device.

12. An enclosure according to Claim 11 wherein said extension leg portion and said mounting  
5 openings are rectangular in shape.

13. An enclosure according to Claim 12 including a plurality of rectangular openings formed in a top panel of said cover, said rectangular openings having recessed shoulder portion, a plurality of modular rectangular plates adapted for mounting in selected rectangular openings interchangeably.

10 14. An enclosure according to Claim 13 including a slanted extension platform portion formed in front of said front edge of said base casing, said platform portion extending forwardly and downwardly from said front edge of said base casing.

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